EMANI HUNTER

Home address: 2643 Beacon Hill Ct., Auburn Hills, MI, 48326

Phone number: 248-909-7494   **Email:** hunte125@msu.edu   **Portfolio:** EmaniHunter.github.io   **Github:** github.com/EmaniHunter

EDUCATION

Michigan State University, East Lansing, Michigan   Expected Graduation: May 2022
Bachelor of Science, Computer Science
Cumulative GPA: 3.6/ 4.0

Coursework: Introduction to Python Programming, Introduction to C++, Discrete Mathematics,
Data Structures and Algorithms, Multivariable Calculus, Electricity and Magnestism Physics

University of Michigan, Ann Arbor, Michigan   August 2019 - Dec. 2019
Bachelor of Science, Computer Science
Exchange Semester

EXPERIENCE

Kelsey Archaeology Museum, Ann Arbor, Michigan
Photographer and Web Developer Museum Assistant   Sept. 2019 - Present
- Handled over 13 fragile artifacts for photography and used RealityCapture for 3D photogrammetry stitching of artifacts
- Aided in the design of museum website and logo using Adobe Photoshop, Adobe Illustrator and Adobe XD for mockups
- Used HTML and CSS to represent website skeleton

Lear Corporation, Southfield, Michigan   May 2019 - Aug. 2019
Innovation and Technology (R&D) Intern
- Presented new seating design by accumulating 11 weeks of scientific research on electroactive polymers and implementing a proof of concept with 3 electroactive materials into a lumbar seating system
- Led cross-functional 2- member team to experiment and test actuation powers of electroactive polymers requiring up to 500 volts of power
- Followed the 5 phases of design thinking by having the idea to understand, define, ideate, prototype and test by team collaboration
- Completed 20 page scientific journal representing research and experimentation on design idea and published journal to the Chief Technology Officer

Institute of Quantitative Health Science and Engineering, East Lansing, Michigan   Aug. 2018 - Aug. 2019
Biotechnology Research Assistant
- Formulated 12 months of individual research for a surgical robotic arm to measure distance from patients by observing sensor metrics
- Developed and operated 2 micro-controllers to measure heat and distance by programming micro-controllers with python code

PROJECTS

Personal Portfolio - Frontend Development   April 2019 - Present
- Created a personal online portfolio to illustrate front-end development skill and represent side projects. Used bootstrap templates, programmed with html and css with javascript references and designed project tabs with Adobe Illustrator and Figma and Adobe XD

Spotify Playlist Automation - Backend Development   Jan 2020 - Jan 2020
- Developed a program in Python to have Youtube songs be automatically generated into a Spotify playlist
- Queried data from Youtube API, Youtube DL Library and Spotify API to help grab specific songs

Tasks - Web application   June 2019 - June 2019
- Designed and coded minimalistic to-do list web application with the use of html, css and javascript

SKILLS

Languages:
Novice: Javascript, React, Swift
Proficient: C++, Python, HTML, CSS, Bootstrap
Systems:
Proficient Navigation: MacOS, UNIX, Windows, Microsoft Office Suite, AWS

ACTIVITIES

National Society of Black Engineers, *Collegiate Member, Communication Chair Committee*   Sept. 2017 - Present
Passport to Google Innovation Challenge, *Team Leader*   Mar. 2019 - Mar. 2019
STARX Exoskeleton Biomedical Team, *Electrical Hardware Team Member*   Sept. 2018 - May 2019